

What is claimed is:

- 1 1. A method of connecting a mobile communication unit to a
2 computer, comprising the steps of:
 - 3 a) establishing a plurality of connections between internal
4 circuitry of said mobile communication unit having a rechargeable battery
5 and internal circuitry of a computer through a plurality of connector ports;
 - 6 b) supplying power from a power source of said computer to said
7 rechargeable battery of the mobile communication unit; and
 - 8 c) controlling said mobile communication unit through one of said
9 connections according to a command signal supplied to said computer.
- 1 2. The connecting method of claim 1, wherein step (c) comprises
2 detecting a voltage generated by said power source of the computer and
3 supplying power to said mobile communication unit when the detected
4 voltage is higher than a specified voltage level.
- 1 3. The connecting method of claim 1, wherein step (c) comprises
2 the step of providing power on-off control on said mobile communication
3 unit according a command signal entered to said computer.
- 1 4. The connecting method of claim 1, wherein said mobile
2 communication unit comprises a voice recognition circuit and a memory for
3 storing a plurality of stored phone numbers and reading one of the stored
4 phone numbers corresponding to an output signal of the voice recognition
5 circuit, and wherein step (c) comprises supplying a voice signal from a
6 microphone to said voice recognition circuit, receiving a phone number read
7 from said memory in response to an output signal of the voice recognition

8 circuit which is produced as a result of said voice signal, and displaying the
9 received phone number on a screen of said computer.

1 5. The connecting method of claim 1, further comprising
2 displaying a simulated image of said mobile communication unit on a screen
3 of said computer.

1 6. The connecting method of claim 1, wherein said computer is
2 provided with a voice input/output device, and wherein step (c) comprises
3 controlling said mobile communication unit to establish a wireless link
4 between said voice input/output device and a mobile communication
5 network.

1 7. The connecting method of claim 1, wherein said computer is
2 provided with a packet processor, and wherein step (c) comprises controlling
3 said mobile communication unit to establish a wireless link between said
4 packet processor and a mobile communication network.

1 8. The connecting method of claim 1, wherein said computer is
2 provided with a facsimile transceiver, and wherein step (c) comprises
3 controlling said mobile communication unit to establish a wireless link
4 between said facsimile transceiver and a mobile communication network.

1 9. A system for connecting a mobile communication unit from a
2 computer, comprising:
3 a connector having a recess for holding the mobile communication
4 unit and a plurality of connector ports;
5 switching circuitry for selectively establishing a connection between

6 the internal circuitry of the computer and the internal circuitry of said mobile
7 communication unit through said connector ports;
8 power supply circuitry for supplying power from a power source of
9 said computer to a rechargeable battery of said mobile communication unit;
10 and
11 control circuitry for controlling said mobile communication unit
12 through said connection according to a command signal entered to said
13 computer.

1 10. The connecting system of claim 9, wherein said control circuitry
2 is provided in an interface card which is located within a slot of said
3 computer.

1 11. The connecting system of claim 9, wherein said control circuitry
2 is provided in an interface card which is located within said connector.

1 12. The connecting system of claim 9, wherein said serial port is in
2 accordance with specifications of Universal Serial Bus port.

1 13. The connecting system of claim 9, wherein said control circuitry
2 is responsive to a command signal for providing a power on-off control on
3 said mobile communication unit.

1 14. The connecting system of claim 9, further comprising a voltage
2 sensor for detecting a voltage generated by said power source of the
3 computer and a battery charger for supplying said power to said mobile
4 communication unit when the detected voltage is higher than a specified
5 voltage level.

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1 15. The connecting system of claim 9, wherein said mobile
2 communication unit comprises:
3 a voice recognition circuit; and
4 a memory for storing a plurality of stored phone numbers and reading
5 one of the stored phone numbers corresponding to an output signal of the
6 voice recognition circuit,
7 wherein said control circuitry is configured to supply a voice signal
8 from a microphone to said voice recognition circuit, receive a phone number
9 read from said memory in response to an output signal of the voice
10 recognition circuit which is produced as a result of said voice signal, and
11 display the received phone number on a screen of said computer.

1 16. The connecting system of claim 9, further comprising a graphics
2 data source for displaying a simulated image of said mobile communication
3 unit on a screen of said computer.

1 17. The connecting system of claim 9, wherein said computer is
2 provided with a voice input/output device, and wherein said control
3 circuitry is configured to control said mobile communication unit to establish
4 a wireless link between said voice input/output device and a mobile
5 communication network.

1 18. The connecting system of claim 9, wherein said computer is
2 provided with a packet processor, and wherein said control circuitry is
3 configured to control said mobile communication unit to establish a wireless
4 link between said packet processor and a mobile communication network.

1 19. The connecting system of claim 9, wherein said computer is

2 provided with a facsimile transceiver, and wherein said control circuitry is
3 configured to control said mobile communication unit to establish a wireless
4 link between said facsimile transceiver and a mobile communication
5 network.

1 20. A connection device for establishing connections between a
2 computer and a mobile communication unit having a rechargeable battery,
3 comprising:
4 a connector having a recess for holding the mobile communication
5 unit and a plurality of connector ports; and
6 an interface card connected through said connector ports to the
7 internal circuitry of said mobile communication unit and connected through a
8 serial port to said internal circuitry of said computer,
9 said interface card including:
10 power supply circuitry for supplying power from a power
11 source of said computer to said rechargeable battery of the mobile
12 communication unit;
13 switching circuitry for selectively establishing a connection
14 between the internal circuitry of the computer and the internal circuitry of the
15 mobile communication unit through said connector ports; and
16 control circuitry for controlling said mobile communication unit
17 through said connection according to a command signal entered to said
18 computer.

1 21. The connection device of claim 20, wherein said interface card is
2 located within a slot of said computer.

1 22. The connection device of claim 20, wherein said interface card is

2 located within said connector.

1 23. The connection device of claim 20, wherein said interface card is
2 connected to said computer via a Universal Serial Bus port.

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